

PATENT

Application No.: 09/736,392
Atty. Dkt. No. SEDN/WGATES-14LISTING OF THE CLAIMSRECEIVED
CENTRAL FAX CENTER

1-15. (Cancelled)

JAN 19 2007

16. (Currently Amended) A method for navigating video images, comprising:

receiving, by a cable headend, a navigation command initiated from a remote control associated with a set top box, the navigation command including a requested direction and being associated with a selected object on a video image, the requested direction being in a direction from the selected object toward a second object adjacent to the selected object, the video image having a plurality of frames corresponding to HTML frames in at least one web page, the frames being independently controllable sections in the web page, the video image being presented on a display device associated with the set top box, the selected object being within a first frame on the video image;

determining, by the cable headend, whether the selected object is located at an edge of the first frame in the requested direction, wherein the selected object is located at the edge of the first frame in the requested direction if the requested direction matches an edge of frame indicator associated with the selected object;

~~determining whether the selected object is located at an edge of a server-side image map object in the requested direction, the server-side image map comprising a plurality of navigable objects within a larger navigable object;~~

~~when the selected object is located at an edge of a server-side image map object in the requested direction, receiving at least one additional navigation command in the requested direction to navigate out of the server-side image map object;~~

~~when the selected object is not located at an edge of the first frame in the requested direction, providing navigation on the display device in the requested direction from the selected object in the first frame to the second object, the second object comprising a same-frame object that is also in the first frame; and~~

~~when the selected object is located at an edge of the first frame in the requested direction, providing navigation on the display device in the requested direction from the selected object in the first frame to the second object, the second object comprising a~~

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different-frame object in a second frame, the second frame being in the requested direction from the first frame.

17. (Previously presented) The method of claim 16, wherein determining whether the selected object is located at the edge of the first frame is performed by a directional guide mapping application in the cable headend.

18. (Currently Amended) The method of claim 17, wherein the directional guide mapping application is for generating direction guide maps and for comparing the requested direction to an the edge of frame indication indicator associated with the selected object in the directional guide maps.

19. (Cancelled)

20. (Previously presented) The method of claim 18, wherein the second frame is determined by a browser processing controller in the cable headend by searching the directional guide maps to locate a particular directional guide map that is adjacent to the first frame in the requested direction from the selected object.

21. (Previously presented) The method of claim 20, wherein the browser processing controller determines the particular directional guide map based on a comparison of geometries of the first frame and the second frame.

22. (Previously presented) The method of claim 18, wherein the directional guide maps are linked in an order corresponding to each web page.

23. (Previously presented) The method of claim 17, wherein the different-frame object is the object in the second frame that is closest to the selected object in the first frame.

24-33. (Cancelled)

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34. (Currently Amended) A method for navigating video images, comprising:

initiating a navigation command from a remote control associated with a set top box, the navigation command including a requested direction and being associated with a selected object on a video image, the requested direction being in a direction from the selected object toward a second object adjacent to the selected object, the video image being presented on a display device associated with the set top box, the selected object being within a first frame on the video image, the first frame comprising a plurality of objects;

initiating at least one additional navigation command in the requested direction when the selected object is at an edge of a server-side image map object to navigate out of the server-side image map object, the server-side image map comprising a plurality of navigable objects within a larger navigable object, the larger navigable object comprising one of the plurality of objects of the first frame;

when the selected object is not located at an edge of the first frame in the requested direction, navigating on the display device in the requested direction from the selected object in the first frame to the second object, the second object comprising a same-frame object that is also in the first frame; and

when the selected object is located at an edge of the first frame in the requested direction, navigating on the display device in the requested direction from the selected object in the first frame to the second object, the second object comprising a different-frame object in a second frame, the second frame being in the requested direction from the first frame.

35. (Previously presented) The method of claim 34, wherein the different-frame object is the object in the second frame that is closest to the selected object in the first frame.